

-1- (JAPIO)

ACCESSION NUMBER

TITLE

PATENT APPLICANT

INVENTORS

PATENT NUMBER

APPLICATION DETAILS

SOURCE

INT'L PATENT CLASS

JAPIO CLASS

ABSTRACT

85-175364

ZINC-ALKALINE PRIMARY CELL

(2000582) MATSUSHITA ELECTRIC IND CO LTD

MIURA, AKIRA; OKAZAKI, RYOJI; TAKADA, KANJI; OHIRA,
TSUKASA

85.09.09 J60175364, ~~85-175364~~

84.02.20 84JP-030548, 59-30548

86.01.17 SECT. E, SECTION NO. 374; VOL. 10, NO. 11,
PG. 110.

H01M-004/12

42.9 (ELECTRONICS--Other)

PURPOSE: To reduce the amalgamation factor of the
negative-electrode zinc of a primary cell by
amalgamating the Zn surface deposited with Ag and In,
Ga, Tl, etc. for use as a negative-electrode active
material.

CONSTITUTION: A surface layer concurrently containing
Ag and one or more of In, Ga, Tl is formed on the
surface of zinc powder. Next, at least this surface
layer is amalgamated. This amalgamated zinc powder is
used as a negative- electrode active material.

Accordingly, the amalgamation factor of negative-
electrode zinc can be reduce and a cell can be made
to have low environmental pollution without
deteriorating the storage characteristic and leakage
resistance of the zinc-alkaline primary cell.